


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 921-20F		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0575		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Tribe		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2124 FNL 2189 FWL	SE	20	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	2124 FNL 2189 FWL	SE	20	9.0 S	21.0 E	S
At Total Depth	2124 FNL 2189 FWL	SE	20	9.0 S	21.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 2124		23. NUMBER OF ACRES IN DRILLING UNIT 1600		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 750		26. PROPOSED DEPTH MD: 10256 TVD: 10256		
27. ELEVATION - GROUND LEVEL 4793		28. BOND NUMBER WYB000291		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Danielle Piernot		TITLE Regulatory Analyst		PHONE 720 929-6156		
SIGNATURE		DATE 12/01/2009		EMAIL danielle.piernot@anadarko.com		
API NUMBER ASSIGNED 43047508350000		APPROVAL  Permit Manager				

T9S, R21E, S.L.B.&M.

Found 2006
Aluminum Cap in
Pile of Stones

N89°58.7'W - 39.921 (G.L.O.)
N89°54'13"W - 2634.82' (Meas.)

N89°57.5'W - 40.129 (G.L.O.)
N89°53'24"W - 2648.44' (Meas.)

Found 2006
Aluminum Cap
with Set Stone
North of Cap

2657.29' (Measured)
N00°03'14"W (Basis of Bearings)

N0°08.0'W - 80.522 (G.L.O.)
N00°03'21"W - 2657.24' (Meas.)

Found 2006
Aluminum Cap in
Pile of Stones

2189'

2124'

Found 2006
Aluminum Cap in
Pile of Stones

Proposed Well

N00°00'48"W - 2668.44' (Meas.)
N0°04.6'W - 40.429 (G.L.O.)

Found 2006
Aluminum Cap in
Pile of Stones

N00°02'18"E - 2636.94' (Meas.)
N0°01.7'W - 39.953 (G.L.O.)

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WELL LOCATION:

NBU 921-20F

ELEV. UNGRADED GROUND = 4792.9'

NBU 921-20F (Proposed Well Head)

NAD 83 LATITUDE = 40.023009° (40° 01' 22.831")
LONGITUDE = 109.577204° (109° 34' 37.933")
NAD 27 LATITUDE = 40.023044° (40° 01' 22.958")
LONGITUDE = 109.576514° (109° 34' 35.450")

Found 2006
Aluminum Cap in
Pile of Stones
under E-W Fence

N89°54'43"W - 2640.77' (Meas.)
N89°59.4'W - 40.011 (G.L.O.)

Found 2006
Aluminum Cap in
Pile of Stones
under E-W Fence

S89°55'12"W - 2636.26' (Meas.)
S89°51.2'W - 39.942 (G.L.O.)

Found 2006
Aluminum Cap in
Pile of Stones,
Under E/W Fence

NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-20F

NBU 921-20F
WELL PLAT
2124' FNL, 2189' FWL
SE $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 20, T9S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.



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Sheridan WY 82801
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Fax 307-674-0182

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 04-15-09	SURVEYED BY: M.S.B.	SHEET NO: 1 1 OF 9
DATE DRAWN: 04-16-09	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 08-28-09	